Pritam Saha

📞 +918967360947 — ✉ sahapritam2002@gmail.com — 🔗 linkedin.com/in/pritam-saha-2b710b1a1 — 🄾 github.com/pritamsaha07 — </> leetcode.com/pritamsaha07

Experience

BeatFantasy Technologies   May 2024 – October 2024
Software Engineer Intern

Front-End

– Designed and implemented the **AI Teams flow**, leveraging **React Native** for optimal **UI integration**, seamless **API connectivity**, and efficient **state management** using Zustand **performance optimization** and resulting in a **30% increase in user engagement**.
– Developed and integrated **APIs** for match, player, and individual stats pages, ensuring adherence to **Next.js standards** for server-side rendering and enhanced client-side performance.
– Built the **Expert Teams flow**, focusing on **user-centric design**, smooth state transitions, and responsive UI components, resulting in a **20% improvement in user satisfaction scores**.

Back-End

– Integrated multiple **REST APIs** using **Express.js** and **PostgreSQL**, following **best practices** for scalable services and ensuring optimal data-fetching speed with **caching** and synchronization.

Skills

Languages: C++, Solidity	**Back-End:** Express.js, PostgreSQL, Firebase
Front-End: React Native, React.js, Zustand, Next.js, TypeScript, Redux	**Blockchain:** Ethereum, Ethers.js, MetaMask, Alchemy
	Tools: Git, Docker

Education

KIIT, DU

B.Tech in Information Technology
Grad. June 2024 — Bhubaneswar, Odisha
Major GPA: 7.72 / 10.00
Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks
Certifications: CCNAv7: Introduction to Networks by Cisco **[Link]**

Projects

TripTactix (Your AI Trip Planner Companion) [Source Code] [Demo Video]   October 2024 – November 2024

– Developed a **React Native** application with **Firebase authentication** for a seamless sign-in/sign-up experience.
– Integrated **Google Maps API**, **Google Gemini AI APIs**, and **Unsplash API** to provide personalized trip planning, suggest over 1,000 location options, and enhance the app's visual appeal with dynamic images.
– Utilized **Zustand** for state management, reducing app load times by 25% and ensuring scalable performance under heavy user traffic.
– Stored user-generated trip data in **Firebase**, enabling secure and real-time access across devices.
– Added **AdMob integration** for in-app advertisements, generating revenue without disrupting user experience.

Automated Data Extraction and Invoice Management [Link][Site Link]   April 2023 – May 2023

– Extracts and organizes data from **Excel**, **PDF**, and **image files** into structured tabs (**Invoices**, **Products**, **Customers**) using **Google Gemini AI**.
– Handles **file uploads**, communicates with the AI for extraction, and provides secure API endpoints for data processing and retrieval.
– Uses **Zustand** for efficient **state synchronization** across tabs, ensuring **real-time updates** to data.
– Ensures **data accuracy**, highlights **missing fields**, and securely stores extracted data in **Firebase** for scalability.

Achievements

– Ranked **Top 12%** in **LeetCode Weekly Contest 298**.

– Secured **Top 10%** in **LeetCode BiWeekly Contest 138**.